

READ

Letter No. D. 377, dated 4th September 1900, from the Deputy Commissioner, Bangalore District, to the Secretary to the Government of Mysore, Revenue and General Departments, Bangalore.

I beg to submit herewith a copy of Memo No. 7 of the 1st September 1900, from the 3rd Assistant Commissioner of this district, embodying the result of Dr. Lehmann's experiments for the destruction of insects causing fungoid disease to crops in the Hoskote taluk. The Doctor has been requested to visit the Anekal, Devanhalli and Dodballapur taluks also for a similar purpose.

ENCLOSURE TO THE ABOVE.

MEMO No. 7.

As desired in your Memo No. A, dated the 19th August 1900, I accompanied Dr. Lehmann, Agricultural Chemist to the Government of Mysore, to Kadgodi. From there we went to Koralur, Bhaktarahalli and Poojen-Agrahar and inspected the gingelly plants suffering from fungoid disease. A block was marked out in each of the above mentioned villages. Dr. Lehmann was kind enough to explain the disease, the plants were suffering from, to the raiyats assembled. Then he explained the preventive measures he was going to adopt. The chemicals of the Bordeaux mixture were shown to them and their properties explained. The raiyats were able to understand the remedy to be applied to the diseased plants. Dr. Lehmann treated the plants with the mixture and the treatment was explained and shown to the raiyats, and as the process was very simple, some of the raiyats themselves used the mixture on the plants. I again inspected these blocks on the 26th August 1900, and found the blocks so treated healthier, greener and succulent. I compared this portion with the portions not treated with the mixture and the difference was no doubt striking. The leaves of the plants that had not had the advantage of the mixture were found shrivelled and dried up. The worm was still there. I carefully examined every gingelly plant in the portions experimented upon and found that the worms had all disappeared and the leaves looked brighter and more greenish, thus showing that the mixture was able to arrest the fungoid growth. The leaf when carefully examined with the naked eye seems to have had the white or brown incrustation. I explained this change in the plants treated to the raiyats present, and they were intelligent enough to see the difference. If the fungoid disease was discovered and treated earlier, the mixture would have saved all plants. The raiyats now know what to do hereafter when the disease appears again. As I promised Dr. Lehmann to inspect these plants, I request you will kindly communicate the result of my inspection for his information.

No. 2727-3-R. 893, DATED BANGALORE, 22ND SEPTEMBER 1900.

ORDER THEREON.—Recorded, with the remark that further results of this treatment may be reported as occasions arise.

L. ANANTASWAMI RAO,
for Secy. to Govt., Gen. & Rel. Depts.